



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ILLINOIS, Northwest</u></b>									
<b>Putnam County</b> 2 S Hennepin to Hennepin	04	1111CST 1115CST			0	0	2K		Thunderstorm Wind (EG50)
A few trees down in Hennepin. South of town several 12 to 16 inch diameter trees (mainly rotted) were also downed									
<b>Bureau County</b> Depue	04	1115CST 1118CST			0	0	1.5K		Thunderstorm Wind (EG52)
Tree down on a house									
An upper air disturbance combined with outflow from a decaying MCS and a strong low level jet to initiate a line of severe thunderstorms across Northern Illinois in a nearly moist atmosphere.									
<b>Carroll County</b> Mt Carroll	04	2219CST 2222CST			0	0	1K		Thunderstorm Wind (EG52)
Tree down									
<b>Jo Daviess County</b> Galena	04	2307CST 2311CST			0	0	4K		Thunderstorm Wind (EG52)
Power lines sagging at U.S. 20 and Blackjack Road									
<b>Jo Daviess County</b> Warren	04	2323CST 2328CST			0	0	5K		Thunderstorm Wind (EG52)
Large trees down; 1 on a house and another on railroad tracks									
A squall line developed from Western Iowa into Northeast Kansas and raced eastward across Iowa, Northern Missouri, and Northern Illinois producing wind damage during the mid to late evening hours. Ahead of the squall line, an upper level disturbance initiated scattered severe thunderstorms in a nearly moist atmosphere. These storms were mainly prolific hail producers with some localized downbursts.									
<b>Henry County</b> 5 W Geneseo	08	1148CST 1149CST			0	0			Hail(0.75)
On Interstate 80 at mile marker 14.									
<b>Mercer County</b> Countywide	08	1153CST 1258CST			0	0	10K	20K	Thunderstorm Wind (EG57)
Bow echo crossed the Mississippi River and affected mainly the southern part of Mercer County. The squall line had weakened from earlier so damage was much more sporadic with mainly trees and power lines down. Based on radar data, the following times have been established (all CST); Keithsburg 1153-1203, Seaton 1212-1219, and 1W of New Windsor 1244-1254									
<b>Henderson County</b> Countywide	08	1154CST 1222CST			0	0	10K	20K	Thunderstorm Wind (EG52)
Bow echo crossed the Mississippi and affected mainly the northern half of the county. The squall line had weakened and since the county was immediately south of the bow apex, damage was extremely sporadic but consisted of several trees down along with power lines down. A building and irrigation system were damaged 3N of Bald Bluff by trees and a house was damaged in Stronghurst when a 24 inch diameter tree fell on it. Based on radar, the following times have been established (all CST); 3N of Bald Bluff 1205-1214, Stronghurst 1214-1217.									



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<b><u>ILLINOIS, Northwest</u></b>									
<b>Hancock County</b>									
Nauvoo	08	1200CST 1210CST			0	0	3K		Thunderstorm Wind (EG52)
Trees down and Great River Rd.									
<b>Warren County</b>									
5 W Monmouth to Monmouth	08	1211CST 1228CST			0	0	10K	15K	Thunderstorm Wind (EG52)
Trees down									
<b>Warren County</b>									
Alexis	08	1219CST			0	0			Funnel Cloud
<b>McDonough County</b>									
Macomb	08	1238CST 1241CST			0	0			Thunderstorm Wind (EG52)
<b>McDonough County</b>									
Bushnell to 3.9 S Bushnell	08	1253CST 1258CST			0	0	10K	5K	Thunderstorm Wind (EG52)
Law enforcement reported 6 power poles and power lines down on IL 41 between IL routes 9 and 95. One pole fell on a car but the driver was not injured.									
<b>Henry County</b>									
7 N Woodhull	08	1254CST 1256CST			0	0			Funnel Cloud
<b>McDonough County</b>									
Macomb	08	1255CST			0	0			Heavy Rain
Water ponding at the intersection of Jackson and Ward Streets.									
<b>Mercer County</b>									
Keithsburg	08	1258CST			0	0			Heavy Rain
Co-op reports 1.80 inches of rain in the past 2 hours.									
<b>Henry County</b>									
Kewanee	08	1325CST 1355CST			0	0			Heavy Rain
Water ponding on streets.									
<b>Putnam County</b>									
Mc Nabb	08	1405CST 1406CST			0	0			Hail(0.75)
Also estimated 43 knot (50 mph) winds.									
<b>Bureau County</b>									
Tiskilwa	08	1420CST 1423CST			0	0			Thunderstorm Wind (EG50)
Several trees down.									
A squall line developed across central Iowa during the overnight hours and moved east. As the squall line entered southeast Iowa, it began to bow out and raced across Jefferson, Henry, Louisa, and Des Moines Counties causing extensive damage. The bow echo crossed the Mississippi River and continued across Henderson, Warren, and Mercer Counties before weakening. The squall line did manage to produce isolated severe damage in Bureau and Putnam Counties in Illinois. The far southern edge of the squall line managed to produce isolated to scattered severe reports across Northeast Missouri, Lee County Iowa, and Hancock and McDonough counties in Illinois. Scattered thunderstorms that developed in the near tropical atmosphere ahead of the squall line produced isolated severe reports.									
<b>Henderson County</b>									
4.8 WNW Bald Bluff to 3.8 NW Bald Bluff	08	1202CST 1206CST	2	25	0	0			Tornado (F0)
Rated high F0									



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					Killed	Injured	Property	Crops	

### ILLINOIS, Northwest

Tornado developed on the apex of the bow echo and went through Big River State Forest. KDVN 88D data indicated a weak but persistent circulation that interacted with a outflow boundary near the Mississippi River in far northeast Des Moines County Iowa. The circulation became stronger with tornadogenesis taking place just across the river

#### **Bureau County**

**.3 N Providence to  
1.8 ENE Providence**

09	0240CST 0244CST			0	0	1K	2K	Thunderstorm Wind (EG57)
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A downburst toppled 5 trees 14 to 16 inches in diameter.

An upper level disturbance combined with outflow boundaries from storms during the day of 8 June 2005 to produce scattered overnight thunderstorms across eastern Iowa and northern Illinois. A couple of storms became strong enough to produce marginal severe weather.

**ILZ001>002-007-009-  
015>018-024>026-034>035** **Jo Daviess - Stephenson - Carroll - Whiteside - Rock Island - Henry - Bureau - Putnam - Mercer - Henderson - Warren -  
Hancock - McDonough**

15	0000CST			0	0			Drought
30	2359CST							

A dry winter and spring developed into full blown drought conditions across Northwest and West Central Illinois by the middle of June. Dry conditions continued across Eastern Iowa but had not yet developed into drought conditions. Farmers that had to replant due to a killing freeze on 3 May 2005 where now being hit a second time. No apparent yield reductions had occurred by the end of June but field conditions in Illinois indicated that crop height was well below normal. The drought continued into the month of July and expanded into Eastern Iowa with significant yield reductions taking place with the corn crop.

#### **Jo Daviess County**

**Stockton**

25	1818CST 1825CST			0	0	5K	5K	Thunderstorm Wind (EG52)
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Power out.

#### **Stephenson County**

**Lena**

25	1835CST 1840CST			0	0	8K	4K	Thunderstorm Wind (EG52)
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Tree down on a house; power lines down in city.

#### **Stephenson County**

**Mc Connell**

25	1856CST 1901CST			0	0	5K		Thunderstorm Wind (EG52)
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Trees down

#### **Stephenson County**

**Orangeville**

25	1905CST 1910CST			0	0	5K		Thunderstorm Wind (EG52)
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Trees down

An upper level disturbance combined with a near tropical atmosphere caused thunderstorms to develop along a stationary front from central Iowa into northern Illinois. The strongest storms occurred at the onset and produced measured winds in excess of 70 knots (80 mph) in eastern Benton and western Linn counties. Heavy rain of up to 1.5 inches in 30 minutes and measured 48 knot (55 mph) winds occurred in Cedar Rapids.

#### **Bureau County**

**3 SE Tiskilwa**

29	1723CST 1724CST			0	0	5K		Hail(0.75)
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					Killed	Injured	Property Crops	

### ILLINOIS, Northwest

#### **Putnam County**

**4.3 N Mc Nabb to Mc Nabb**      **29**      **1811CST**           **0**      **0**      **7K**      **10K**      **Hail(1.75)**

Thunderstorms developed during the late afternoon hours in a moist to near tropical atmosphere.

#### **Whiteside County**

**Albany**      **30**      **0212CST**  
**0218CST**           **0**      **0**      **20K**           **Thunderstorm Wind (EG61)**

Large limbs and power lines down. A business had several broken windows and a tree fell on a house causing moderate damage.

#### **Whiteside County**

**Fulton**      **30**      **0218CST**  
**0225CST**           **0**      **0**      **20K**           **Thunderstorm Wind (EG65)**

Three large trees down with numerous power lines down that caused damage to cars and houses. A few shingles were pulled off 2 houses.

A squall line developed ahead of a cold front in a moist atmosphere and raced east across Iowa and northwest Illinois. A brief weak tornado occurred in a corn field west of Waubeek, Iowa. The tornado track was discovered the next morning by a news helicopter

### IOWA, East Central and Southeast

#### **Benton County**

**2.5 S Keystone**      **04**      **2001CST**  
**2003CST**           **0**      **0**           **3K**      **Hail(0.75)**

#### **Benton County**

**2.9 WSW Van Horne**      **04**      **2006CST**  
**2007CST**           **0**      **0**      **2K**      **Hail(0.75)**  
18th Avenue and 70th Street

#### **Benton County**

**2 W Van Horne to Van Horne**      **04**      **2007CST**  
**2008CST**           **0**      **0**      **4K**      **Hail(0.88)**

#### **Benton County**

**Van Horne**      **04**      **2019CST**  
**2020CST**           **0**      **0**      **3K**      **Hail(1.00)**

#### **Van Buren County**

**Keosauqua**      **04**      **2036CST**  
**2038CST**           **0**      **0**      **10K**      **Hail(1.25)**  
Small branches down with estimated 43 knot (50 mph) winds.

#### **Benton County**

**3.3 WSW Garrison**      **04**      **2038CST**  
**2039CST**           **0**      **0**      **4K**      **Hail(0.88)**  
!5th Avenue and 61st Street

#### **Van Buren County**

**1 N Birmingham**      **04**      **2053CST**  
**2100CST**           **0**      **0**      **0.50K**      **Thunderstorm Wind (EG61)**  
Hay rack blown into ditch just east of highway 1

#### **Benton County**

**10 NE Vinton**      **04**      **2054CST**  
**2055CST**           **0**      **0**      **4K**      **Hail(0.88)**



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Killed	Injured	Property							
<b><u>IOWA, East Central and Southeast</u></b>									
<b>Benton County</b>									
4 N Van Horne	04	2056CST			0	0	1.5K	5K	Hail(1.00)
<b>Jefferson County</b>									
Fairfield	04	2104CST 2105CST			0	0			Hail(0.75)
<b>Linn County</b>									
Walker	04	2106CST 2110CST			0	0	3K		Hail(1.00)
Hail ranging from 0.70 to 1.00 inch.									
<b>Jefferson County</b>									
4 NE Fairfield	04	2109CST 2111CST			0	0	1.5K	5K	Hail(1.00)
Hail ranging from 0.70 to 1.00 inch									
<b>Jefferson County</b>									
1.6 NE Fairfield to Salina	04	2109CST 2114CST			0	0	2K		Thunderstorm Wind (EG50)
Large limbs down along Salina blacktop.									
<b>Benton County</b>									
Belle Plaine	04	2119CST 2125CST			0	0	2K		Thunderstorm Wind (EG52)
Small limbs down									
<b>Benton County</b>									
Belle Plaine	04	2125CST			0	0			Heavy Rain
Water ponding on Highway 21									
<b>Benton County</b>									
2 W Van Horne	04	2128CST 2134CST			0	0		4K	Thunderstorm Wind (EG52)
19th Avenue and 70th Street									
<b>Keokuk County</b>									
Sigourney	04	2129CST 2133CST			0	0	1K		Thunderstorm Wind (EG52)
Tree down									
<b>Delaware County</b>									
Masonville	04	2130CST 2133CST			0	0	10K		Hail(1.75)
<b>Benton County</b>									
6.7 W Shellsburg	04	2139CST 2142CST			0	0	1K	5K	Thunderstorm Wind (EG52)
Tree down									
<b>Iowa County</b>									
2 NE Williamsburg	04	2144CST 2146CST			0	0		3K	Hail(0.88)
On Interstate 80 at mile marker 221									
<b>Delaware County</b>									
2 W Manchester	04	2145CST			0	0		2K	Hail(0.75)
<b>Keokuk County</b>									
2.9 W Kinross	04	2145CST			0	0	1K	2K	Thunderstorm Wind (EG52)
Tree down west of town									
<b>Cedar County</b>									
6 W Mechanicsville	04	2150CST 2155CST			0	0	3K	5K	Thunderstorm Wind (EG61)
Shingles off house; 2-2.5 foot diameter trees down.									



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<b><u>IOWA, East Central and Southeast</u></b>									
<b>Cedar County</b>									
4 E West Branch	04	2158CST 2204CST			0	0	5K	5K	Thunderstorm Wind (EG61)
		Roof partially torn off house.							
<b>Linn County</b>									
1 SW Cedar Rapids	04	2200CST 2225CST			0	0			Heavy Rain
		0.50 inch of rain in 25 minutes							
<b>Linn County</b>									
Cedar Rapids	04	2204CST 2225CST			0	0			Heavy Rain
		Street flooding							
<b>Linn County</b>									
Mt Vernon	04	2204CST 2225CST			0	0			Heavy Rain
		Street flooding							
<b>Cedar County</b>									
.6 S Rochester	04	2205CST 2207CST			0	0	1K	2K	Thunderstorm Wind (EG52)
		Tree down on a building near Rochester Park							
<b>Linn County</b>									
Cedar Rapids	04	2209CST 2214CST			0	0			Thunderstorm Wind (MG55)
		At Hawkeye Downs race track; winds estimated at 52 knots (60 mph) on the southwest side of Cedar Rapids							
<b>Linn County</b>									
Cedar Rapids	04	2210CST 2212CST			0	0			Hail(0.88)
		Also 0.75 inch hail							
<b>Cedar County</b>									
Tipton to 3.2 N Tipton	04	2211CST 2217CST			0	0	7K	5K	Thunderstorm Wind (EG52)
		Trees down in Tipton and north on highway 38							
<b>Linn County</b>									
Mt Vernon	04	2218CST 2222CST			0	0			Thunderstorm Wind (EG52)
		Also 0.50 inch hail							
<b>Jones County</b>									
Morley	04	2223CST 2226CST			0	0	2K	3K	Thunderstorm Wind (EG52)
		Tree limbs down and windows damaged							
<b>Scott County</b>									
Davenport	04	2244CST 2248CST			0	0	3K		Thunderstorm Wind (EG52)
		18 inch diameter tree down with minor house damage							
<b>Muscatine County</b>									
3.1 S Atalissa to 1 W Stockton	04	2245CST 2259CST			0	0	5K		Thunderstorm Wind (EG52)
		Large branches down across county							
<b>Scott County</b>									
Davenport Arpt	04	2246CST 2250CST			0	0			Thunderstorm Wind (MG53)
		KDVN ASOS							



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					Killed	Injured	Property	Crops	

### IOWA, East Central and Southeast

#### Dubuque County

Dubuque Arpt	04	2301CST 2305CST			0	0			Thunderstorm Wind (MG56)
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KDBQ ASOS

#### Clinton County

Clinton	04	2309CST 2313CST			0	0	4K		Thunderstorm Wind (EG52)
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Trees and power lines down at 7th Avenue and North 4th Streets; also on 9th Avenue

A squall line developed from Western Iowa into Northeast Kansas and raced eastward across Iowa, Northern Missouri, and Northern Illinois producing wind damage during the mid to late evening hours. Ahead of the squall line, an upper level disturbance initiated scattered severe thunderstorms in a nearly moist atmosphere. These storms were mainly prolific hail producers with some localized downbursts.

#### Jefferson County

Countywide	08	1027CST 1104CST			0	0	50K	30K	Thunderstorm Wind (MG70)
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Initial damage began from Libertyville to about 3.7 miles northwest of Fairfield. The high winds lasted roughly 10 minutes at any one location. The Fairfield Airport measured 70 knot (81 mph) winds from 1031 to 1033 CST when power was lost. Extensive damage occurred in the city of Fairfield with trees and power poles down along with water ponding on roads from heavy rainfall. No additional damage reports were received east of Fairfield, but it is likely that sporadic damage occurred in an east northeast path to the Jefferson/Henry county line along and just north of the bow apex. Based on that assumption, the following times have been established for affected cities (all times CST); Libertyville 1027-1037, Fairfield Airport 1031-1041, Fairfield 1033-1043, Perlee 1040-1050, Salina 1045-1055, East Pleasant Plain 1048-1058, Germanville 1050-1100, and Merrimac 1053-1103.

#### Van Buren County

Douds to Leando	08	1037CST 1046CST			0	0	2K		Thunderstorm Wind (EG52)
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Trees down

#### Linn County

Cedar Rapids	08	1042CST 1043CST			0	0			Thunderstorm Wind (MG54)
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IDOT RWIS located just west of the I-380 and U.S. 30 interchange.

#### Van Buren County

Birmingham	08	1046CST 1049CST			0	0	2K		Thunderstorm Wind (EG50)
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Power lines down.

#### Henry County

Countywide	08	1053CST 1140CST			0	0	30K	30K	Thunderstorm Wind (EG70)
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The bow echo affected mainly the northern half of the county and crossed the Mississippi into Illinois. The emergency manager reported sporadic damage across the county with mainly trees and power poles down. Based on radar data, the following times have been established (all in CST); Trenton 1102-1112, Swedesburg 1110-1120, Mount Pleasant 1115-1125, Mount Union 1123-1133, Winfield 1127-1136, New London 1128-1136.

#### Washington County

Brighton	08	1054CST 1104CST			0	0	3K		Thunderstorm Wind (EG52)
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Large limbs down



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### IOWA, East Central and Southeast

#### Des Moines County

Countywide	08	1125CST 1205CST			0	0	60K	25K	Thunderstorm Wind (EG57)
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The southern part of the bow echo or perhaps a new bow echo moved across Des Moines County from Henry County. A large number of trees were downed along with power poles with some trees as big as 2 to 4 feet in diameter with the main damage in West Burlington and Burlington. Radar data does indicate the stronger winds were along and north of the apex of the main bow in Louisa County. Tornado like damage was reported in Beaverdale with a funnel cloud reported 1S of Beaverdale. The following times have been established based on radar data (all CST); Pleasant Grove 1129-1139, Mediapolis 1136-1146, Danville 1138-1148, Beaverdale 1143-1153, West Burlington 1148-1158, Burlington 1155-1205.

#### Louisa County

Countywide	08	1129CST 1205CST			0	0	120K	40K	Thunderstorm Wind (EG70)
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Bow echo entered Louisa County from Henry County and affected mainly the southern part of the county before crossing the Mississippi River into Illinois. Trees and power poles down were the primary damage but several homes and buildings were damaged by falling trees, had shingles removed, or suffered partial roof failure. A car dealership under construction at the junction of U.S. 61 and highway 78 was destroyed or 4.2 miles east of Morning Sun. Pictures indicate all the debris laying in one direction. However, the manager of a nearby convenience store reported seeing a funnel. Radar data is in conclusive but the location is on the leading edge of the squall line and is likely a gustnado. Based on radar, the following times are established (all CST); Morning Sun 1138-1148, 4.2E of Morning Sun 1143-1153, Oakville 1147-1157.

#### Des Moines County

Danville	08	1138CST			0	0			Funnel Cloud
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#### Des Moines County

1 S Beaverdale	08	1140CST			0	0			Funnel Cloud
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#### Lee County

West Pt	08	1145CST			0	0			Heavy Rain
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Water ponding on road

#### Lee County

Ft Madison	08	1148CST 1158CST			0	1	3K		Thunderstorm Wind (EG52)
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Trees and power lines down. A girl was injured when a temporary display at a store fell on her.

#### Lee County

Ft Madison Muni Arpt	08	1154CST 1204CST			0	0			Thunderstorm Wind (MG52)
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KFSW AWOS

#### Lee County

Keokuk	08	1154CST 1204CST			0	0	20K		Thunderstorm Wind (EG52)
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Tree limbs and power lines down.

A squall line developed across central Iowa during the overnight hours and moved east. As the squall line entered southeast Iowa, it began to bow out and raced across Jefferson, Henry, Louisa, and Des Moines Counties causing extensive damage. The bow echo crossed the Mississippi River and continued across Henderson, Warren, and Mercer Counties before weakening. The squall line did manage to produce isolated severe damage in Bureau and Putnam Counties in Illinois. The far southern edge of the squall line managed to produce isolated to scattered severe reports across Northeast Missouri, Lee County Iowa, and Hancock and McDonough counties in Illinois. Scattered thunderstorms that developed in the near tropical atmosphere ahead of the squall line produced isolated severe reports.





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					Killed	Injured					

### IOWA, East Central and Southeast

#### Jones County

2.4 W Olin

09 0127CST

0

0

Hail(0.75)

Mostly pea sized but a few penny sized stones.

A weak upper level disturbance allowed scattered thunderstorms to develop across Eastern Iowa. One storm became marginally severe and produced some penny size hailstones just west of Olin.

#### Jones County

2 WSW Olin

09 0130CST  
0131CST

0

0

2K

Hail(0.75)

Hail was mostly pea to dime sized but a couple of stones were penny size.

An upper level disturbance combined with outflow boundaries from storms during the day of 8 June 2005 to produce scattered overnight thunderstorms across eastern Iowa and northern Illinois. A couple of storms became strong enough to produce marginal severe weather.

#### Jones County

5.3 NNW Olin to  
6.5 NNW Olin

13 2010CST  
2019CST

0

0

Funnel Cloud

1 to possibly 2 funnels

A strong cap prevented convection from developing during the daylight hours. The cap weakened with sunset and allowed a mini-supercell to rapidly develop in a semi-moist atmosphere with plenty of vertical speed shear. Spotters, law enforcement, and the general public from Olin, Anamoso, and Monticello reported 1 and possibly 2 funnel clouds from the storm in a triangular area formed by the 3 cities.

#### Benton County

Norway

25 1703CST  
1708CST

0

0

3K

3K

Thunderstorm Wind (EG61)

#### Linn County

Fairfax

25 1712CST  
1718CST

0

0

8K

Thunderstorm Wind (MG72)

Measured by wind equipment.

#### Linn County

Cedar Rapids

25 1735CST  
1805CST

0

0

Heavy Rain

Street flooding.

#### Dubuque County

1.6 S Balltown

25 1947CST  
1951CST

0

0

70K

Thunderstorm Wind (EG55)

A downburst/microburst occurred on a farm south of Balltown, Iowa. Part of a barn was destroyed and 30 trees on the property were downed. An additional 30 trees were downed in an area of timber just off the property.

#### Dubuque County

Dubuque

25 1955CST

0

0

Heavy Rain

Street flooding on the west side of Dubuque.

#### Dubuque County

Dubuque Arpt

25 2005CST

0

0

Thunderstorm Wind (MG58)

Measured by ASOS

An upper level disturbance combined with a near tropical atmosphere caused thunderstorms to develop along a stationary front from central Iowa into northern Illinois. The strongest storms occurred at the onset and produced measured winds in excess of 70 knots (80 mph) in eastern Benton and western Linn counties. Heavy rain of up to 1.5 inches in 30 minutes and measured 48 knot (55



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### IOWA, East Central and Southeast

mph) winds occurred in Cedar Rapids.

#### Clinton County

3 E Dewitt to  
3.3 E Dewitt

26 1521CST 1523CST 0 0 4K 1K Thunderstorm Wind (EG52)

A weak upper level disturbance combined with daytime heating of a near tropical atmosphere to produce scattered afternoon thunderstorms. A pulse severe storm developed east of DeWitt, Iowa. The downburst did minor damage to the Schnepel residence on 245th Street. A flag pole was bent about 20 degrees off vertical and a poplar/ash tree was partially toppled. Corn in the surrounding fields was leaning at a 45 degree angle. Near the intersection of 245th Street and 320th Avenue a tree was toppled onto a moving car. Fortunately the driver was uninjured but the vehicle sustained significant damage

#### Benton County

Vinton

29 2228CST 2233CST 0 0 5K Thunderstorm Wind (MG56)

KWWL spotter

#### Linn County

3.2 W Waubeek to  
2.1 W Waubeek

29 2250CST 2251CST 0 0 7K 12K Thunderstorm Wind (EG65)

A downburst produced a 50-60 yard wide path through cornfields west of Waubeek. Several trees were downed on the Brecht farm along with a few windows broken. The damage showed indications of laying in one direction. However, it is possible a weak tornado may have also occurred due to a hay rack being tossed several tens of yards and over a few fences.

#### Linn County

Hiawatha

29 2253CST 2254CST 0 0 Hail(0.88)

Dime to nickel sized hail

#### Linn County

.1 S Prairieburg

29 2255CST 2256CST 0 0 12K 4K Thunderstorm Wind (EG50)

An empty semi trailer was blown over but a nearby tanker trailer was not moved. Some damage was noted to a nearby grain bin with the corn leaning a little off vertical. A nearby house was undamaged

#### Delaware County

Manchester

29 2256CST 2305CST 0 0 10K Thunderstorm Wind (EG52)

Trees and power lines down.

#### Delaware County

4.8 SE Ryan

29 2257CST 2305CST 0 0 12K Thunderstorm Wind (EG61)

Barn down

#### Delaware County

.9 N Buck Creek

29 2307CST 2314CST 0 0 7K Thunderstorm Wind (EG61)

6-7 trees down on a house and garage.

#### Delaware County

2.4 ENE Petersburg

29 2316CST 2321CST 0 0 25K Thunderstorm Wind (EG61)

A machine shed and two barns were destroyed at the Theisen (pronounced tyson) farm northwest of New Vienna on 160th Street. Additionally a large tree was downed that just missed the house.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### IOWA, East Central and Southeast

#### Dubuque County

Farley	29	2321CST 2329CST			0	0	8K		Thunderstorm Wind (EG52)
Tree down on a car									

#### Dubuque County

Dubuque	29	2335CST 2341CST			0	0			Thunderstorm Wind (MG51)
Measured by IDOT RWIS on U.S. 20 on the west side of Dubuque.									

#### Scott County

Dixon	30	0153CST 0202CST			0	0		12K	Thunderstorm Wind (EG52)
Corn flattened.									

#### Scott County

Le Claire	30	0200CST 0205CST			0	0		6K	Thunderstorm Wind (EG52)
Corn flattened.									

#### Scott County

2 NW Princeton to Princeton	30	0200CST 0207CST			0	0	5K	10K	Thunderstorm Wind (EG57)
Large limbs down with damage to power lines.									

#### Clinton County

Camanche	30	0210CST 0215CST			0	0	20K		Thunderstorm Wind (EG65)
Significant tree limb damage with limbs and power lines down. Windows broken out at a business in town									

A squall line developed ahead of a cold front in a moist atmosphere and raced east across Iowa and northwest Illinois. A brief weak tornado occurred in a corn field west of Waubeek, Iowa. The tornado track was discovered the next morning by a news helicopter

#### Linn County

1.9 W Waubeek to 1.2 WNW Waubeek	29	2251CST 2252CST	0.7	20	0	0		5K	Tornado (F0)
Rated high F0.									

Tornado developed between Jordans Grove Road and Bridge Out Road west of Waubeek. The tornado just missed the Pflaghaupt farm and went through a corn field. A long downburst west of Jordans Grove Road likely aided in tornadogenesis. The tornado track was unknown until it was discovered the following morning by a KCRG TV helicopter

### MISSOURI, Northeast

#### Clark County

Wayland	04	1949CST 1952CST			0	0	5K		Thunderstorm Wind (EG50)
Trees and power lines down; signs down as well.									

#### Scotland County

Arbela	04	2012CST 2014CST			0	0			Hail(0.88)
0.75 to 0.88 inch hail									

A squall line developed from Western Iowa into Northeast Kansas and raced eastward across Iowa, Northern Missouri, and Northern Illinois producing wind damage during the mid to late evening hours. Ahead of the squall line, an upper level disturbance initiated scattered severe thunderstorms in a nearly moist atmosphere. These storms were mainly prolific hail producers with some localized



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### MISSOURI, Northeast

downbursts.

#### Scotland County

##### Memphis

08	1059CST 1106CST			0	0	3K	Thunderstorm Wind (EG52)
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Large tree limbs down

#### Clark County

##### 1.3 N Anson

08	1105CST 1107CST			0	0	1K	Thunderstorm Wind (EG52)
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15 inch diameter tree down at the junction of County Route V and highway 81.

A squall line developed across central Iowa during the overnight hours and moved east. As the squall line entered southeast Iowa, it began to bow out and raced across Jefferson, Henry, Louisa, and Des Moines Counties causing extensive damage. The bow echo crossed the Mississippi River and continued across Henderson, Warren, and Mercer Counties before weakening. The squall line did manage to produce isolated severe damage in Bureau and Putnam Counties in Illinois. The far southern edge of the squall line managed to produce isolated to scattered severe reports across Northeast Missouri, Lee County Iowa, and Hancock and McDonough counties in Illinois. Scattered thunderstorms that developed in the near tropical atmosphere ahead of the squall line produced isolated severe reports.